342, Communications: Directive Radio Wave Systems and Devices, 1 for radar navigation systems, 42+ for radar transmitter and receiver system, 71 for return control signal for braking or steering, 72 for safety device, 357 for sending or receiving radio wave energy which is characterized by some quality that varies according to the relative direction or position of a satellite used to locate the position of an object, 385+ for radio wave energy for direction finding receivers, and 450+ for an apparatus for determining the position in space of an object, vehicle or atmospheric condition by the reception of signals not having distinctive bearing or position determinative characteristics.

348, Television, 113 for a picture signal generator or reproducer is used with a steerable vehicle to permit control of the vehicle from a remote location or to provide an indication in the vehicle of its position as an aid in the guidance of the vehicle.

353, Optics: Image Projectors, 11 for a projector especially adapted to project an image of a map or navigation chart, an image of a target onto a map or chart, or a target which represents a vehicle such as an aircraft onto a screen.

356, Optics: Measuring and Testing, 3 for optical range finders and 27+ for velocity or height measuring.

361, Electricity: Electrical Systems and Devices, subclass 238 for electrical speed signal circuitry used for antispin and antilock/antiskid detection and which does not include significant data processing.

365, Static Information Storage and Retrieval, appropriate subclass for particular memory device.

375, Pulse or Digital Communications, 219 for transceivers, 237+ for modulation techniques, 295+ for transmitters, and 316+ for receivers.

382, Image Analysis, appropriate subclass for an apparatus or corresponding method for the automated analysis of an image or recognition of a pattern, especially subclass 104 for vehicle or traffic control.

395, Information Processing System Organization, 1 for a system or method capable of performing one or more of the functions of recognition, speech signal processing, knowledge processing (e.g., propositional logic, reasoning, learning, self-improvement), complex operations of a manipulator (e.g., robot control), or inexact reasoning (e.g., fuzzy logic) and artificial intelligence with details of the artificial intelligence system, subclass 3 for fuzzy logic hardware, subclasses 10+ for a knowledge processing system, subclasses 50+ for an expert system, subclass 900 relating to fuzzy logic, subclasses 902+ for applications of artificial intelligence with details of the artificial intelligence system, and subclasses 905 and 913 wherein artificial intelligence is used in applications related to vehicle control and diagnostics respectively.

434, Education and Demonstration, subclass 1 for training in the use of radar or sonar detecting or range finding, subclasses 30+ for aircraft training per se, and subclasses 111, 186, and 239+ relating to training or instructions in the area of navigation.

440, Marine Propulsion, subclass 53 for a means effecting or facilitating movement of propulsion unit or a segment of the propulsion unit (e.g., tilting or steering) and subclasses 84+ for engine, motor, or transmission control means.

441, Buoys, Rafts, and Aquatic Devices, appropriate subclass for structure or an attachment peculiar to a mooring buoy, marker buoy, container buoy, or other buoy; structure or an attachment peculiar to a raft, to rafting, and guiding of floating logs; water rescue apparatus or other aquatic devices.

475, Planetary Gear Transmission Systems or Components, subclass 43 for a transmission with speed or torque responsive clutch.

477, Interrelated Power Delivery Controls Including Engine Control, subclass 5 and 6 for plural engines having clutch control, subclass 8 for an electric engine with clutch control, subclasses 15+ for an electric engine with transmission control, subclass 31 for continuously variable transmission with a gas turbine engine, subclasses 34+ wherein the operation of an engine regulates or is regulated by the operation of a transmission, subclass 39 for a continuously variable friction transmission with clutch control, subclasses 57, 62, and 70+ for transmission control and clutch control, subclasses 166+ for clutch control, per se, and 182+ for engine brake control responsive to engine speed.

700, Data Processing: Generic Control Systems or Specific Applications, subclasses 245-264 for robotic